



UTILITY PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: William Francis Alexander Jr.

Group Art Unit: 3662

Serial No.: 10/056,434

Examiner: Mull, Fred H.

Filed: 01/24/2002

Docket No.: 001.0055 (CE04453N)

For: METHODS AND APPARATUS FOR DETERMINING A DIRECTION OF  
ARRIVAL IN A WIRELESS COMMUNICATION SYSTEM

This correspondence is being transmitted to the United States Patent and  
Trademark Office by USPS Express Mail Service to Addressee:  
**USPS Express Mail No. ER 454372933 US**

**RESPONSE PURSUANT TO 37 CFR 1.111**

Assistant Commissioner of Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Assistant Commissioner:

In response to the Office Action mailed on March 18, 2003 by the United States  
Patent and Trademark Office, please amend the above-identified patent application as follows  
and consider the following remarks.

Applicant requests a three-month extension pursuant to 37 CFR 1.136(a) and the fee  
for such an extension is provided with this response.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 8 of this paper.